



DIGITAL VIDEO RECORDER
USER MANUAL

LCTVR6104
LCTVR8208
LCTVR8216

NORME GENERALI DI SICUREZZA -

General safety recommendations

Sicurezza delle persone - Safety warnings



Leggere e seguire le istruzioni - Tutte le istruzioni per la sicurezza e per l'operatività devono essere lette e seguite prima che il prodotto sia messo in funzione.

Precauzioni particolari - Rispettare tassativamente l'ordine delle istruzioni di installazione e collegamento descritte nel

manuale. Verificare le indicazioni riportate sulla targa di identificazione: esse devono corrispondere alla vostra rete elettrica di alimentazione ed al consumo elettrico. Conservate le istruzioni per una consultazione futura.

Read and follow the instructions - Read the installation instructions before connecting the system to its power source. Follow these guidelines to ensure general safety.

In order to prevent injury, burns or electrical shock to yourself and others, follow the connection instruction plan carefully.

Sicurezza del prodotto - Product Safety

Non posizionare in prossimità di liquidi oppure in un ambiente ad umidità eccessiva.

Non lasciare penetrare del liquido o corpi estranei all'interno dell'apparecchiatura.

Non ostruire le griglie di aerazione.

Non sottoporre all'esposizione dei raggi solari oppure in prossimità di fonti di calore.

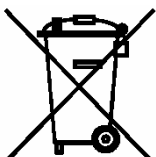
Do not use the product in a wet location.

Never push a foreign object through an opening inside the product.

Slots and openings are provided for ventilation and should never be covered.

Do not place under direct sunlight or heat sources.

INFORMAZIONI SULL'AMBIENTE - ENVIRONMENT INFORMATION



Note per lo smaltimento del prodotto valide per la Comunità Europea

Questo prodotto è stato progettato e assemblato con materiali e componenti di alta qualità che possono essere riciclati e riutilizzati. Non smaltire il prodotto come rifiuto solido urbano ma smaltirlo negli appositi centri di raccolta. E' possibile smaltire il prodotto direttamente dal distributore dietro l'acquisto di uno nuovo,

equivalente a quello da smaltire. Abbandonando il prodotto nell'ambiente si potrebbero creare gravi danni all'ambiente stesso. Nel caso il prodotto contenga delle batterie è necessario rimuoverle prima di procedere allo smaltimento. Queste ultime debbono essere smaltite separatamente in altri contenitori in quanto contenenti sostanze altamente tossiche.

Il simbolo rappresentato in figura rappresenta il bidone dei rifiuti urbani ed è tassativamente vietato riporre l'apparecchio in questi contenitori.

L'immissione sul mercato dopo il 1° luglio 2006 di prodotti non conformi al DLgs 151 del 25-07-05 (Direttiva RoHS RAEE) è amministrativamente sanzionato.

This products was designed to minimize their impact on the environment by reducing or eliminating hazardous materials and designing for recyclables.

This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment. Improper handling of this kind of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances.

This symbol indicates that this product has not to be disposed of with your household waste, according to the WEEE Directive.

For more information about where you can drop off your waste equipment for recycling, please contact your local city waste authority, or your household waste disposal service.

GARANZIA - Warranty

Questa garanzia ha validità di 2 anni a partire dalla data di acquisto assicurata solo dietro presentazione della fattura o scontrino rilasciati al cliente dal rivenditore.

L'assistenza gratuita non è prevista per i guasti causati da:

-Uso improprio del prodotto, immagazzinamento inadeguato, cadute o urti, usura, sporcizia, acqua, sabbia, manomissione da personale non autorizzato del prodotto rispetto a quanto previsto nei manuali d'uso inclusi.

-Riparazioni, modifiche o pulizia effettuate da centri assistenza non autorizzati da HR EUROPE.

-Danni o incidenti le cui cause non possono essere attribuite alla HR EUROPE, comprendenti e non limitati a fulmini, eventi naturali, alimentazione e ventilazione inadeguata.

This warranty is valid for 2 years from the date of purchase obtained only against presentation of the original invoice/ cash ticket issued to the customer by the retailer.

Warranty repair service is excluded if damage or defects have been caused by:

-Improper use, incorrect storage, dropping or shocks, corrosion, dirt, water, handling or operation of the product as referred to in the users' manuals.

SUMMARY

1. INTRODUCTION.....	4
warnings and cautions.....	4
package contents.....	4
CD-ROM software	4
Technical feature.....	5
2. INSTALLATION.....	6
Rear panel other view and connection	6
2.2 head-on panel.....	10
2.3 remote control.....	13
2.4 HD Installation	15
2.4.1 Hard Disk select.....	15
2.4.2 Hard Disk estimate size.....	15
2.4.3 Hard Disk assembling	15
3. SETUP MENU.....	16
3.1 Main menu.....	16
3.2 system Setup	16
3.3 CAMERA setup	17
3.4 RECORD SET.....	17
3.5 SCHEDULE SET.....	17
3.6 MOTION SET	18
3.7 PTZ SET	18
3.8 netWORK SET	18
3.9 SPOT (only 8 and 16 channel)	18
3.10 DVD-CD/RW Backup(8 AND 16 cCHANNEL)	19
3.11 DISK manage.....	19
3.12 LOG search	19
4 BASE PLANNING.....	20
4.1 MANUAL recording	20
4.2 planned recording.....	20
4.3 SEARCH	20
4.3.1 search time and BACKUP USB	21
4.3.2 Record search and BACKUP USB	21
4.3.3 event record search and BACKUP USB.....	21
5 NETWORK CONNECTION	22
5.1 IP address configuration	22
5.2 connection by Internet Explorer.....	22
5.3 Software anvplayer through connection.....	26
5.4 SMART PHONE by means of connection	29
the least system required:.....	29
Installation:	29

1. INTRODUCTION

Warnings and cautions

Do not expose this product to rain or moisture
Take away from clammy
Put in horizontal position
Skip out to the violent vibration
Do not rest up on another electric device
Exposition at light air,,do not cooling off the rear of DVR.

Package contents

Control the next accessory:

1. one power cable of 230 Vac.
- 2 .one power adequate 12Vdc.
3. one user manual
4. one CD software put in
5. one remote control of piloting to distant (with two battery powered 1.5V).
6. one set of screw

CD-ROM software

The content of the CD dowry:

Software cliente by faraway connexion by net LAN/WAN

Software Cliente for smarphone

User manual **LCTVRxxxx_V_1_0.pdf**

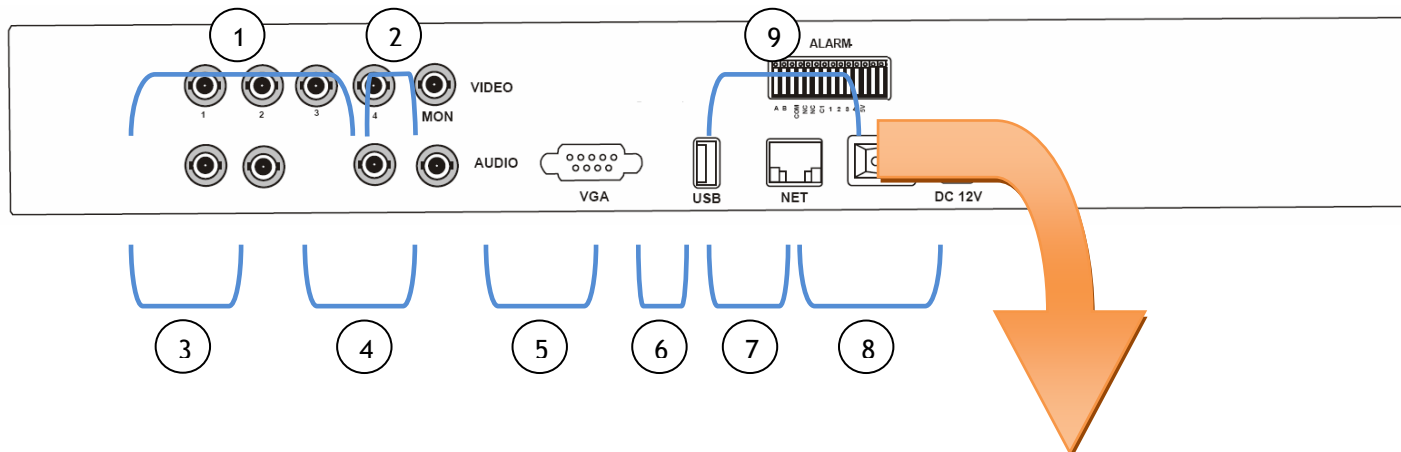
Technical features

model	LCTVR6104	LCTVR8208	LCTVR8216
System			
Operating system	Embedded Operating System		
Control device	Frontal panel , remote control		
Video			
Video input (PAL) BNC_1.0VP- P_ 75Ω	4	8	16
Video output	1 channel PAL, BNC1.0VP- P 75Ω) 1 channel VGA (800x600 60Hz)		
SPOT out	NO	1	1
Picture resolution	Real time display: PAL 704×576 Recording : D1: 704 * 576 CIF 352×288		
Recording fram rate	Real Time CIF:25 fps for channel		CIF:12 fps for channel
Video compressing	MPEG4	H.264	
Video display	1 o 4 window	1, 4, 8 window	1,4,8, 16 window
Video standard	PAL		
Picture quality	3 level		
Camera adjustment	brightness, hue , contrast , saturation		
Video information	channel, Date and hour, Video Loss, Recording ON		
Motion and alarm			
Motion detection	Zones: 192 (16*12) detection zones sensitivity : high – Normal – low Velocity: , high – Normal –low		
Alarm input	4 input NA	8 input NA	16 input NA
Alarm output	1 relay output NA/NC/COM		
Hard Disk			
Hard disk lodging	2 HD IDE (no including)	2 HD Sata (no including)	
Hard disk space occupation (Resolution CIF - 25 fps - normal quality):	~ 800MB/H	~ 1,3GB/H	
Recording - play back - Backup			
Recording mode	Manual, planning, Motion,Alarm		
Overwrite	back		
Search mode	time – Events – File (OK)		
Play back	Play, break, Stop, Fast Play, Slow Play,		
Backup mode	USB-HDD, HRX001GB, HRX004GB, Network download		
Net work			
Interface	RJ-45 10/100Mb		
Remote operations	display, Control PTZ, play back file, Download file,		
Web Server	Integrate, agreement Internet Explorer 6.0 o high.		
PDA - Smartphone	back with MS Windows Mobile 5.0 o high. Request least link GPRS.		
Auxiliary interface			
USB	USB 2.0		
RS485	Control PTZ (pan, tilt, zoom, focus, iris)		
Cd-DVD burner	No	Support for SATA CD/DVD burner	
Environmental			
Warking temperature	-10°C - + 55°C		
Warking temperature	10% - 90%		
weight	2,5 Kg		
size	440×300×70mm		
Power Consuption	12Vdc 4A		
Mounting	Desktop		

2. INSTALLATION

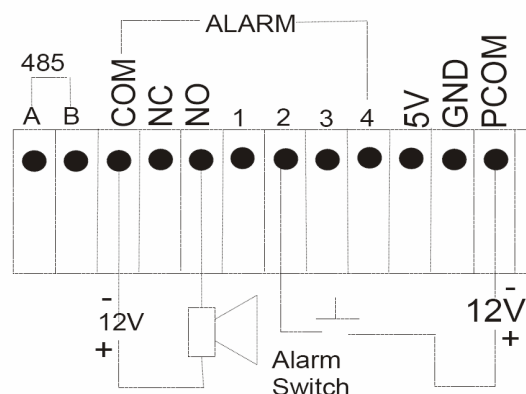
2.1 Rear panel overview and connection

LCTVR6104



- ① "1-4": BNC video input
- ② "MON": BNC Video output .
- ③ "LIN - RIN": Left Audio input ,Right Audio input .
"LOUT - ROUT": Left Audio output ,Right Audio
- ④ " ": USB output .
- ⑤ "VGA": VGA Video output (800x600 60Hz)
- "USB Interface
for Backup
- ⑥ "NET": interface RJ-45 port.
- ⑦ "DC12V" Minijack power connector and ON/OFF power button
- ⑧ "ALARM" Terminal block for Alarm and RS-485 device.

For the top shape of the device outer side link the power cable as show carry back on top picture.



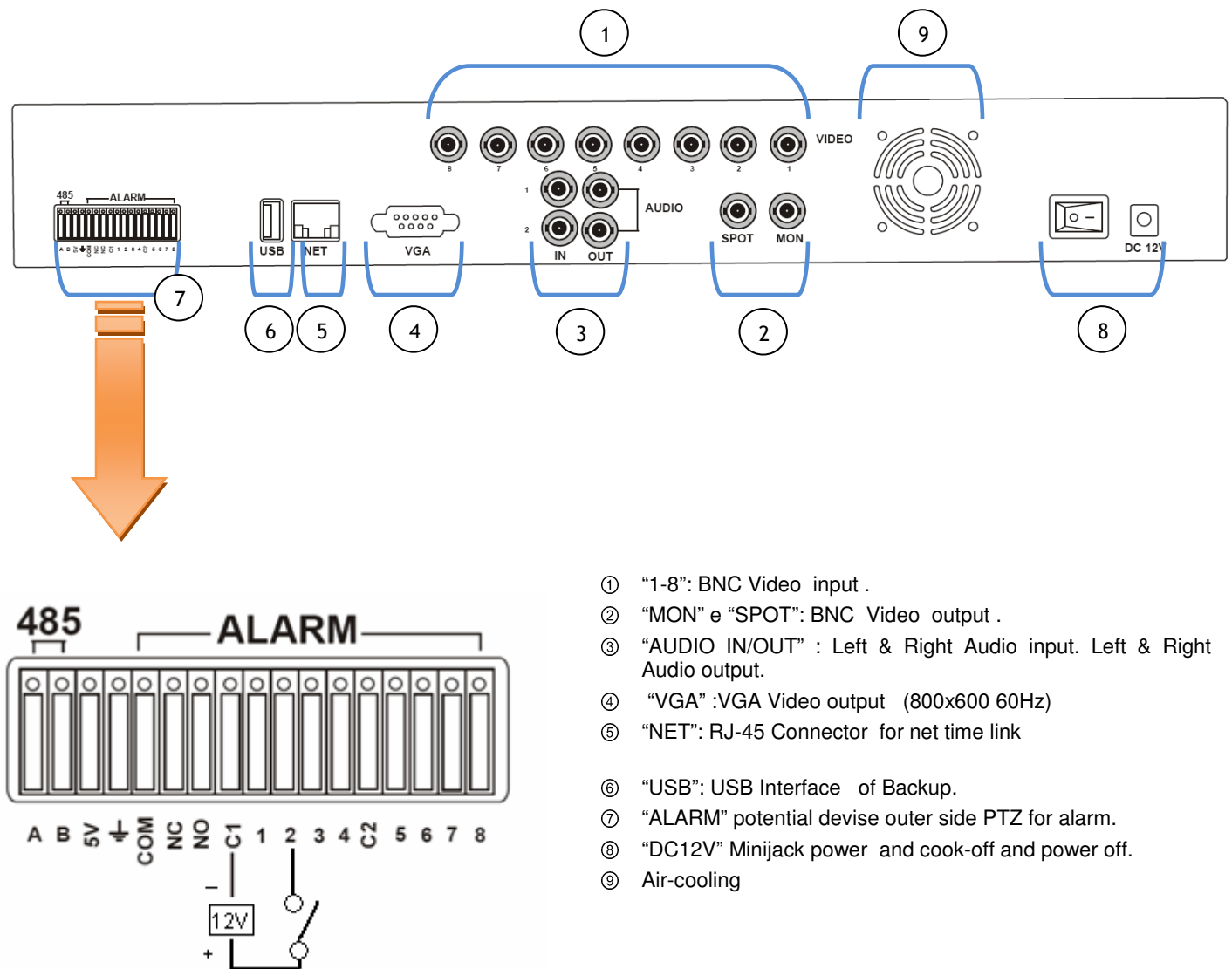
485 A/B: link the 2 line wires some RS-485 wire line to along with make connection about the speed dome.

COM – NC – NO: power relay by alarm output. (common, normally close, normally open)

1 – 2 – 3 – 4: alarm input. No alarm channel is coupled and put in to action typical channel only..

For the top shape use the power source of 12Vdc.

LCTVR8208



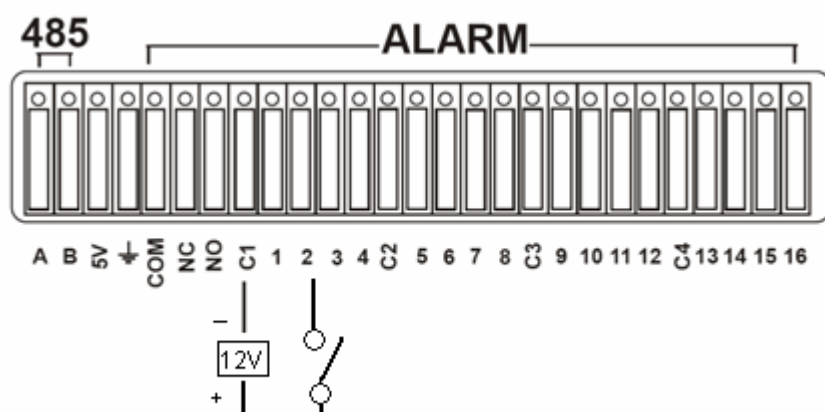
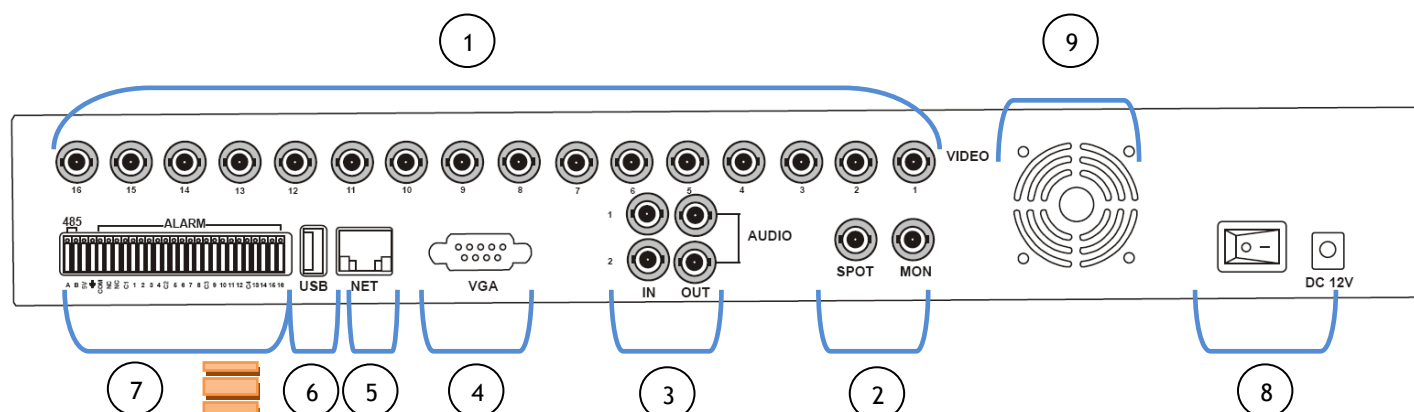
For the top shape of the device outer side link the power cable as show carry back on top picture.

485 A / B: link the 2 line wires some RS-485 wire line to along with make connection about the speed dome.

COM – NC – NO: power relay by alarm out put . (common, normally close, normally open)

1 – 2...8: alarm input . no alarm channel is coupled and put in to action typical channel only.
For the top shape use the power source of 12Vdc.

LCTVR8216



- ① "1-16" : BNC Video input .
- ② "MON" e "SPOT":BNC Video output.
- ③ "AUDIO IN/OUT": Left & Right Audio input. Left & Right Audio output.
- ④ "VGA": VGA Video output (800x600 60Hz)
- ⑤ "NET": RJ-45 Connector for net time link
- ⑥ "USB": USB Interface of Backup
- ⑦ "ALARM" potential device outer sider PTZ for alarm
- ⑧ "DC12V" Minijack power and cook-off and power off
- ⑨ Air-cooling

For the top shape of the device outer side link the power cable as show carry back on top picture.

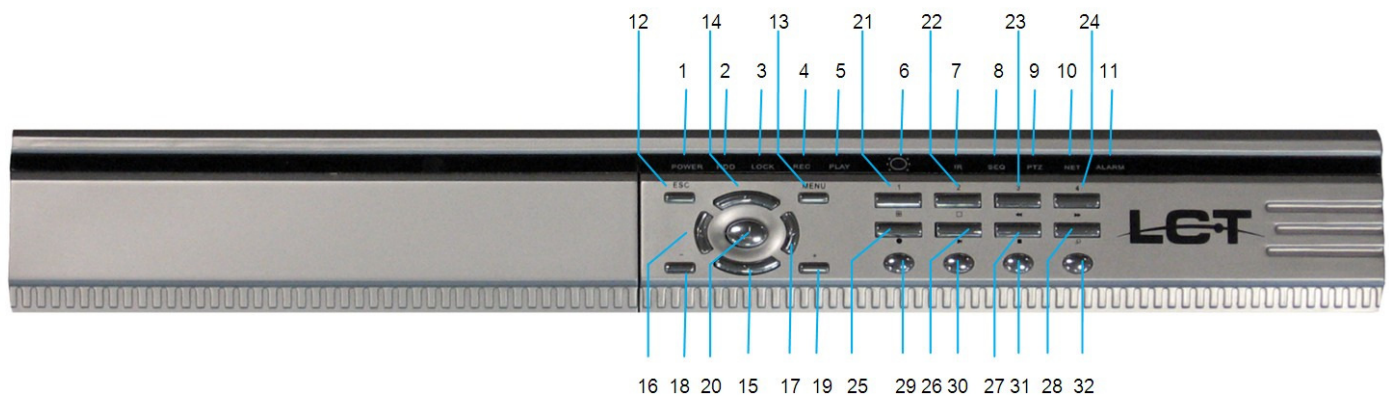
485 A/B: link the 2 line wires some RS-485 wire line to along with make connection about the speed dome.

COM – NC – NO: power relay by alarm out put . (common, normally close, normally open)

1 – 2...16: alarm input. No alarm channel is coupled and put in to action typical channel only.
For the top shape use the power source of 12Vdc.

2.2 Head-on panel

LCTVR6104



Indication LED

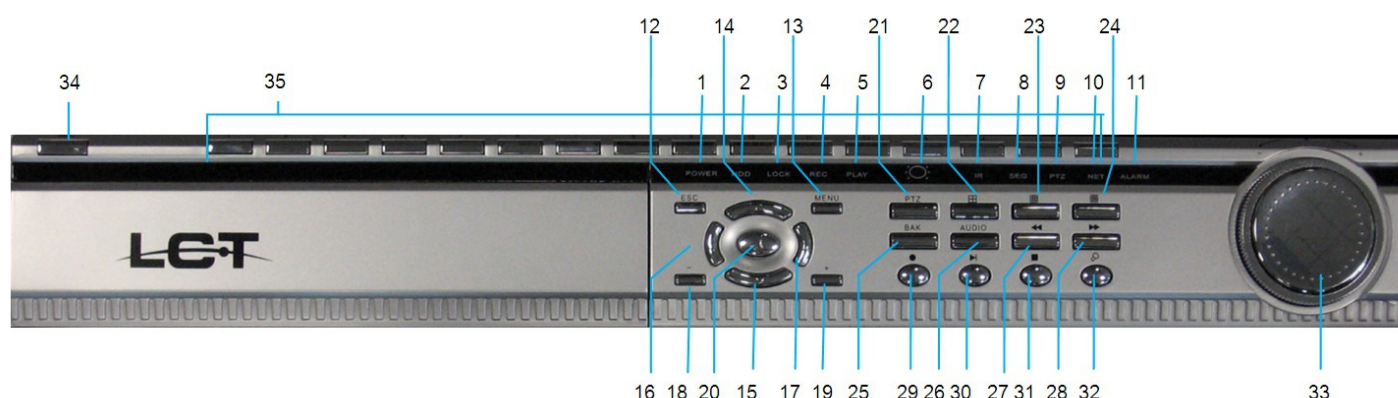
N°	Symbol	function
1	POWER	Power - Standby
2	HDD	Hard Disk reading / writing
3	LOCK	Key locked
4	REC	Recording on
5	PLAY	Play
6	ESC	Status of remote control
7	IR	Start receiving form remote control
8	SEQ	Auto jump among stations
9	PTZ	PTZ Control on
10	NET	Network connection
11	ALARM	Alarm output on

Keys function

N°	Symbol	Function
12	ESC	press the ESC key will exit from lower level menu to upper level menu until fully exit from the menu status including the info menu;in case of password status ,press the ESC key after exit from the main menu will lock the machine.
13	MENU	At running status, enter the menu setting status; at lock status (lock light up),press this key to remind for password input.
14	↑	Under the menu status , select items upwards ,under the PTZ control status , control the ball machine to rotate upwards.
15	↓	Under the menu status , select items downwards ; under the PTZ control status , control the ball machine to rotate downwards.
16	←	Under the menu status , select items leftwards ; under the PTZ control status , control the ball machine to rotate leftwards.
17	→	Under the menu status , select items rightwards ; under the PTZ control status , control the ball machine to rotate rightwards.
18	-	Value down for the selected item.
19	+	Value up for the selected item.
20	↵	Confirmation key.
21	1	key1; 1 channel display
22	2	Key 2; channel 2 display

23	3	Key 3; channel 3 display
24	4	Key 4 ; channel 4 display
25		4-split display on monitor (1-4,5-8,9-12,and 13-16 in manner) .
26		Channel key single :the channel 1 display entire
27		At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
28		At play status ,press key to forward image at 2x speed ; further press key to forward image at 4x speed; finally press key to return normal play status .
29		At in-situ status , ;press key will enter video recording status (video recording parameters are set under the system menu) ;at video recording status , press the key will stop video recording.
30		At in-situ status , press key to enter the play status and directly play the last file; further press key to pause the play ,finally press key to continue to play.
31		At backup status , press key to stop backup; at video recording status , press key to stop video recording ; at play status , press key to stop play.
32		At in-situ or play status ; press key to pup up the search menu with three available search methods: time search / video file search / event search. Users can select the wanted item and enter various search method sub-menu for search. At in-situ status , press key to enter the play status and directly play the last file; further press key to pause the play ,finally press key to continue to play.










LCTVR8208 - LCTVR8216



Indicating LED

N°	Symbol	Function
1	POWER	Power - Standby
2	HDD	Hard Disk reading / writing
3	LOCK	Key locked
4	REC	Recording on
5	PLAY	play
6		Status of remote control
7	IR	Start receiving form remote control
8	SEQ	Auto jump among stations
9	PTZ	PTZ Control on
10	NET	Network connection on
11	ALARM	Alarm output on

Function keys

N°	Symbol	Function
12	ESC	press the ESC key will exit from lower level menu to upper level menu until fully exit from the menu status including the info menu; in case of password status, press the ESC key after exit from the main menu will lock the machine
13	MENU	press the ESC key will exit from lower level menu to upper level menu until fully exit from the menu status including the info menu; in case of password status, press the ESC key after exit from the main menu will lock the machine
14	↑	Under the menu status, select items upwards; under the PTZ control status, control the ball machine to rotate upwards.
15	↓	Under the menu status, select items downwards; under the PTZ control status, control the ball machine to rotate downwards.
16	←	Under the menu status, select items leftwards; under the PTZ control status, control the ball machine to rotate leftwards.
17	→	Under the menu status, select items leftwards; under the PTZ control status, control the ball machine to rotate leftwards.
18	-	Value down for the selected item
19	+	Value up for the selected item.
20	↵	Confirmation key
21	PTZ	At on-site preview status, press the PTZ key will display the PTZ word on top of monitor screen, meaning that the equipment is under PTZ control and press channel key will change control channels. PTZ control parameters of each channel may be revised under the system menu. re-press the PTZ key or press the ESC key will exit the PTZ control status.
22		4-split display on monitor (1-4, 5-8, 9-12, and 13-16 in manner).
23		9-split display on monitor (1-8 and 9-16 in manner)
24		16-split display on monitor (this key won't work at 8-line DVR).
25	BACK	At search status, after selecting the searched data, press the BAK key will backup such data to a U drive (description to search operation is given in the later part); at play status, the BAK key is used to backup the currently played image and voice; at backup status, press the key will stop backup.
26	AUDIO	Press this key to display on left top screen, meaning audio output is on; subsequently press this AUDIO key to cancel such display, meaning audio output is off. At in-situ status, in-situ voice is outputted; at play status, recorded voice is outputted.
27		At play status, press key to backward image at 2x speed; further press key to backward image at 4x speed; finally press key to return normal play status.
28		At play status, press key to forward image at 2x speed; further press key to forward image at 4x speed; finally press key to return normal play status.
29		At in-situ status, press key will enter video recording status (video recording parameters are set under the system menu); at video recording status, press the key will stop video recording.
30		. At in-situ status, press key to enter the play status and directly play the last file; further press key to pause the play, finally press key to continue to play.
31		At in-situ status, press key to enter the play status and directly play the last file; further press key to pause the play, finally press key to continue to play.
32		At in-situ status, press key to enter the play status and directly play the last file; further press key to pause the play, finally press key to continue to play.
33	Jog-Shuttel	Sideout ring (Shuttel) equivalent of key value up, down and right, left Inside ring (jog) equivalent of key up and down
34	INFO	At running status, press INFO key will pup up system information including details of hard disk use; press the ESC key will exit the INFO menu; at standby status (power indicating light in green), press the INFO key for 3 seconds will turn on the equipment.
35	1,2,3.....16	Key channel: display the relative channel.

2.3 Remote control

		S.N.	key	briefing
	1.			At normal running status , press this power key to pop up the reminder menu, asking whether to shut down , after confirmation ,the machine will automatically shut down in safe mode and enter the standby status , with the power indicating light on panel from red to green.
	2.			Press this key to display on left top screen , meaning audio output is on, subsequently press this key to cancel such display , meaning audio output is off. At in-situ status , in-situ voice is output ;at play status,recorded voice is outputted.
	3.			select channels bigger than 9 by combining the 1-9 keys and 0 key
	4.			Select remote control ID
	5.			At in-situ status , ;press key will enter video recording status (video recording parameters are set under the system menu) ;at video recording status , press the key will stop video recording.
	6.			At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
	7.			At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
	8.			At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
	9.			At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
10.				At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
11.				At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
12.				At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
13.				At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
14.				At play status , press key to backward image at 2x speed ; further press key to backward image at 4x speed ;finally press key to return normal play status .
15.				Confirmation key
16.				Value down for the selected item or revise it
17.				Value up for the selected item or revise it
18.				4-split display on monitor (1-4,5-8,9-12 and 13-16 in manner)
19.				9-split display on monitor (1-8 and 9-16 in manner)
20.				16-split display on monitor (this key won't work at 8-line DVR)
21.	SEQ			At in-situ preview status, press the SEQ key to have the monitor automatically switching big screen image of channel 1-16 and re-press the key to stop jumping stations.
22.	ESC			press the ESC key will exit from lower level menu to upper level menu until fully exit from the menu status including the info menu ;in case of password status ,press the ESC key after exit from the main menu will lock the machine
23.	MENU			At in-situ status ,press this MENU key to enter the menu setting status.
24.	INFO			At in-situ status , press the info key will pop up hard disk information , press the ESC key will exit the INFO

		menu , in case no installed disk, press this INFO key makes no sense.
25.	BAK	Backup key
26.	PTZ	At on-situ preview status , press the PTZ key will display the PTZ word on top of monitor screen , meaning that the equipment is under PTZ control and press channel key will change control channels. PTZ control parameters of each channel may be revised under the system menu . re-press the PTZ key or press the ESC key will exit the PTZ control status.
27.	AUTO	At PTZ control status , this AUTO key used to let PTZ automatically rotate.
28.	F+	At PTZ control status , this F+ key used to extend focal length
29.	F-	At PTZ control status ,this F- key used to shorten focal length
30.	I+	At PTZ control status , this I+ key used to enlarge iris
31.	I-	At PTZ control status , this I- key used to reduce iris
32.	Z+	At PTZ control status, this Z+ key used to Zoom + on
33.	Z-	At PTZ control status , this Z – key used to Zoom out

2.4 HD Installation

2.4.1 Hard Disk select

At the right working of the device ,used HD Seagate IDE 7200 RPM for LCTVR6104 and Seagate SATA 7200RMP for LCTVR8208 LCTVR8216. to get out side security and reliability used HD Seagate set SV35; code HRX160SV – HRX250SV – HRX500SV IDE version HRX160SVS – HRX250SVS SATA version .

2.4.2 Hard Disk estimate size

Power of hard disk well-supported by DVR is between 120GB and 500GB.


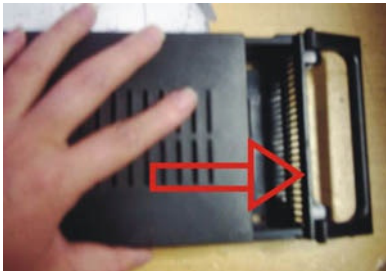
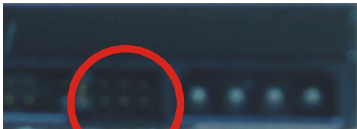
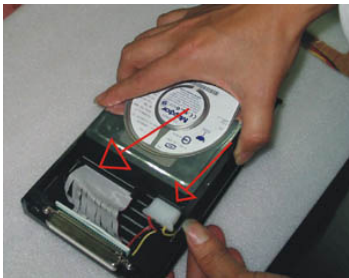


Occupation Hard disk (Resolution CIF - 25 fps - middle quality):

LCTVR6104: ~ 800MB/H

LCTVR8208 e LCTVR8216: ~ 1,3GB/H

2.4.3 Hard Disk mounting

The actions by right installation of hard-disk.

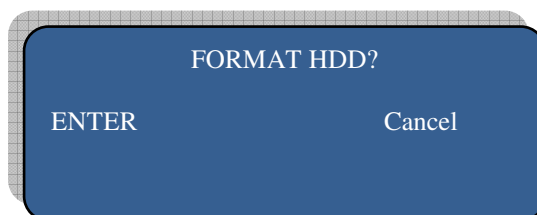
<p>1. take out the cassette of DVR</p> 	<p>2. open the cassette and take off the cover.</p> 
<p>3. setup the Jumper of Hard Disk as Master.</p>  <p>Jump to Master</p>	<p>4. link the flat and the power. Lock on the equip with HD.</p> 
<p>5. close again the cover and put on the cassette in to DVR, play attention, well link.</p> 	<p>6. at hope chest close with key.</p> 

If you want to use other HD, open the DVR and lock on . setup as slave and link the power.

**the picture and procedura indicated there fore assemglinb of one HD IDE.
For the version sata consult the boo

3 MENU SETUP

Control to have got and make all link before to start. Give the power and light up the DVR. Wait little while ,the new HD put in after the start and the following window safe bet show at video.

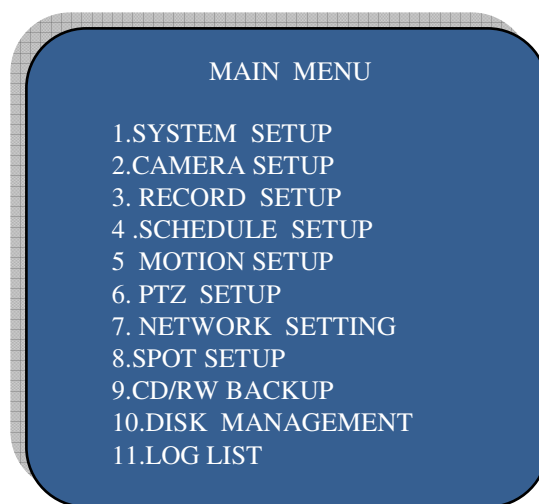


Select ENTER and wait the fulfillment of the format the DVR. After some moment the buzzer will give a warning in order to advise that is possible to use the DVR. In to course of action live press MENU to go in the principal menu. Use the keys down; up; exit; enter; right; left; + and - to move along in the menu.

3.1 Main menu



LCTVR6104

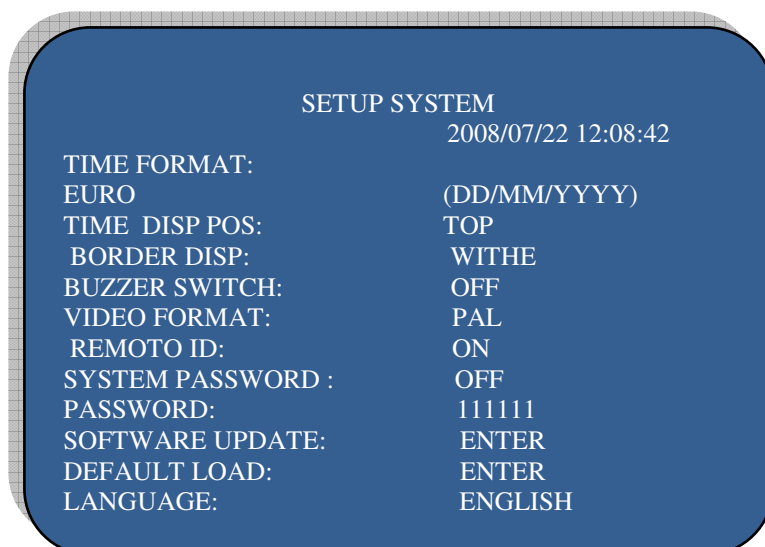


LCTVR8208 - LCTVR8216

Select SETUP System and press ENTER.

3.2 Setup system

- ① DATE / TIME: to adjust date/time.
- ② FORMAT: to set the format of display with ASIA (AAAA/MM/GG), Europe (GG/MM/AAAA) e USA (MM/GG/AAAA)
- ③ DISPLAY DATE/TIME: to set the display of date/time(high, low, OFF)
- ④ SPLIT LINE: to select the split line color (white – black – grey – off)
- ⑤ BUZZER On/Off: used to turn on/off the buzzer
- ⑥ VIDEO STANDARD: to select PAL o NTSC a board the link of monitor.
- ⑦ ID REMOTO: used to turn on/off the remote control.
- ⑧ PASSWORD On/Off: used to turn on/off the password by menu.
- ⑨ PASSWORD :used the password trust (to unlock)
- ⑩ DEFAULT: to restore the DVR default.
- ⑪ LANGUAGE: used to select the language (ITALIAN – ENGLISH)



3.3 Camera setup

- ① CAM: used to select the channel to set up
- ② CAMERA NAME: put the name of camera wanted
- ③ BRIGHTNESS: used to adjust brightness of picture.
- ④ HUE(color): used to adjust color of picture
- ⑤ CONTRAST: used to adjust contrast
- ⑥ SATURATION (livel): used to adjust intensity color.
- ⑦ HORIZONTAL: used to adjust the horizontal position of picture.
- ⑧ VERTICAL: used to adjust the vertical position of picture.

CAMERA SETUP

CAM: CAMERA 01

CAMERA NAME: CAM 01

BRIGHTNESS: 00

HUE : 00

CONTRAST : 00

SATURATION : 00

IMAGE HDELAY: 00

IMAGE VDELAY : 00

3.4 Record SET

SETUP RECORDING

RESOLUTION : 720 x 576

OVERWRITE : ON

AUDIO ON/OFF : OFF

OTHER : ENTER

RECORDING QUALITY SETUP

CAM	1	2	3	4
QUALITY	HIGH	HIGH	HIGH	HIGH
FRAME RATE	25	25	25	25

- ① RESOLUTION: Select the resolution to like for recording: CIF 352x288 o D1 704x576
- ② OVERWRITE: on/off the overwrite of picture present on the Hard Disk.
- ③ AUDIO ON/OFF: on/off the recording of audio .
- ④ QUALITY: press ENTER to access of setup.
 - CAM:(all channel are single manageable) used to select the channel to be set.
 - QUALITY: set the level crossing wanted between high – low – normal.
 - FRAME RATE: used to select the frame rate wanted of each channel.

****NB:** set the mode of resolution CIF (352x288), the frame rate it will be to the highest degree 25fps for channel (Real Time) at type LCTVR6104 e LCTVR8208.

Set the mode of resolution D1 (704x576), the frame rate it will be to the highest degree 6fps for channel.

3.5 Schedule SET

- ① CAM: Select the channel to set up.
- ② MODALITY: AUTO to turned on the time band or MANUALE to turned on the recording.
- ③ GG: Select the date to set up.
- ④ SEG 1-4: set up the time wanted.
- ⑤ MODALITY:
 - TIME, turned on the recording set.
 - MOTION :put into action only case of motion.
 - ALARM :put into action only in case contact alarm.
 - ALARM+MOTION put into action recording in case contact alarm or motion.

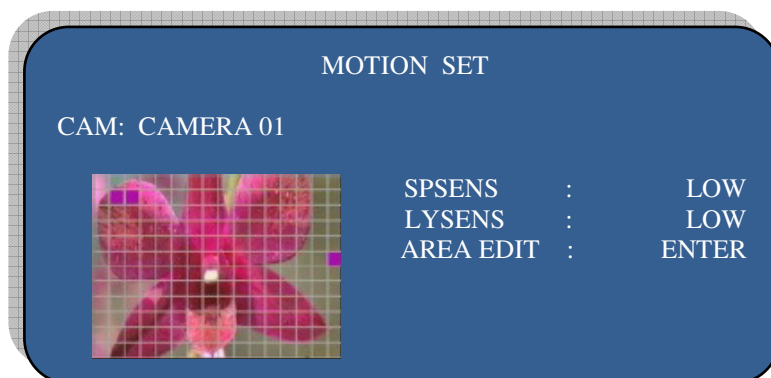
SCHEDULE SETUP

CAM	: CAMERA 01	REC MODE:	AUTO
TIME	: SUN		

	START TIME	END TIME	ALARM TYPE
SEG 1:	00:00 -	03:00	TIME
SEG 2:	03:00 -	04:00	ALARM+MOTION
SEG 3:	00:00 -	00:00	TIME
SEG 4:	00:00 -	00:00	TIME

3.6 Motion SET

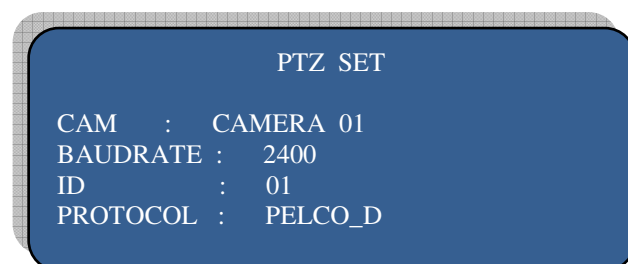
- ① CAM: Select the channel to start.
- ② VELOCITY: Select the level crossing of quickness to put into action between HIGH – LOW – NORMAL.
- ③ SENSIBILITY: Select the level crossing of sensibility between HIGH – LOW – NORMAL.
- ④ AREA: Press ENTER for entry into area.



3.7 PTZ SET

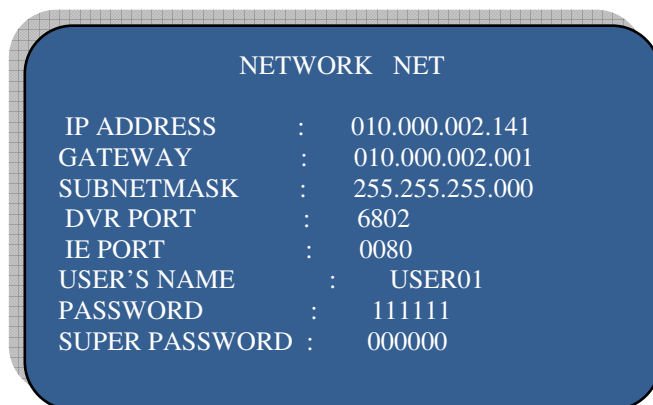
- ① CAMERA: Select the channel to setup.
- ② BAUDRATE: Select the baudrate corresponding to the Speed Dome
- ③ ID: setup the ID address corresponding to the Speed Dome.
- ④ PROTOCOL: select the protocol to like between PELCO_P and PELCO_D

For the control on/off of PTZ press PTZ about the remote control or the key present in the frontal panel (8 and 16 channel), for other detail ,referred to chart (pag 9-12)



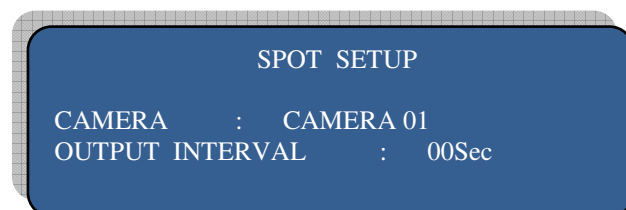
3.8 Network SET

- ① IP ADDRESS: Select the IP in agreement to the net .
Default 192.168.001.133
- ② GATEWAY: setup GW in agreement to the net.
Default: 192.168.001.001
- ③ SUBNETMASK: start SM in agreement to the net .
Default 255.255.255.000
- ④ DVR PORT :setup the gate language need to software . Default 6802
- ⑤ IE PORT: start the gate language need for to link up through Browser IE. Default 0080
- ⑥ USER'S NAME: start to user name need to remote access .
Default USER01
- ⑦ PASSWORD: setup the password need for remote log-on(access) to user level .
Default 111111
- ⑧ SUPER PASSWORD: setup the password need for remote log-on (access) to administrator level.
Default 000000



3.9 Spot (only 8 and 16 channel)

- ① MODALITY: Select the channel to start.
- ② INTERVAL: Select to set the interval time for recycled. (1s-10s) (time of switchers)



3.10 DVD-CD/RW Backup(8 AND 16 CHANNEL)

- ① CD TYPE: Select the format wanted between the following option:
 - I. CD 12cm
 - II. CD 8cm (mini cd)
 - III. DVD
 - ② CAMERA: Select the channel which to wanted copy the picture .
 - ③ START TIME: Select start date and time of the recording wanted copy.
 - ④ END TIME: Select start date and time of the recording wanted copy .
- to make the search for backup until max 3 camera is possible .

CD/RW BACKUP

CD TYPE	: 12cm(LESS THAN550M)	
CAMERA	: 01	---B
START TIME	: 2009/07/22	22:00
END TIME	: 2009/07/22	22:00
CAMERA	: 01	---B
START TIME	: 2009/07/22	22:00
END TIME	: 2009/07/22	22:00
CAMERA	: 01	---B
START TIME	: 2009/07/22	22:00
END TIME	: 2009/07/22	22:00
TOTAL:.....B		
TOTAL: ----MB		BACKUP

3.11 DISK manage

- ① HARD DISK N°: Select HD to piloting
- ② CAPACITY: select to display capacity of HD .
- ③ BANK(FREE SPACE): left percentage of bank.
- ④ ERROR DIM. ZONE: info to any sector faulty on the disk to use.
- ⑤ CANCEL: Press ENTER to delete all recording present on the Hard Disk.
- ⑥ FORMAT: Press ENTER for totally format of Hard Disk and find the right working. (clear all date).

DISK MANAGE

DISK NAME	: HDD 1	
DISK SIZE	: 149 GB	
REMAIN SIZE	:	046%
BAD SIZE	: 000G	
RECORD CLEAR	:	ENTER
DISK FORMAT	:	ENTER

3.12 LOG search

The menu is used to search video recording information when the device is put on , put off, that be manual or lack in net .

LOG SEARCH


START TIME	: 22/07/2008	
END TIME	: 22/07/2008	
		SEARCH
		01/01
N°.	EVENT	TIME
01	POWER ON	22/07/2008 14:47:55
02	-----	-----
03	-----	-----
04	-----	-----
05	-----	___/___/___ __:__:__

4 BASE PLANNING

4.1 Manual recording

It is not plan planning time to start up of Default by DVR ..

For start Manuel recording press REC .

LED light up to indicat real recording and the symbol  seen on the any channel.


To bang up recording press STOP. .


4.2 planned recording

It is not plan planning time to start up of Default by DVR .

It is possible to be lead each channel sole a 4 strips time for any day of week .and set up modality to recording :

-**TIME**: this modality of recording make capable to be continuous at lapse of time included in the time band . the symbol "T" seem on the video.

-**ALARM**: used this modality , the channel start not turn out to recorded . if the DVR are not obtain exterior impulse put in of alarm . the symbol "S" seem on the video and the symbol  during the stillness.

-**MOTION**: used this modality , the channel start not turn out to recorded, if the DVR are not identify the picture movement of air set in the past at setup motion .the symbol "M" seem on the video and symbol  during the stillness.


-**ALARM + MOTION**: used this modality , the channel start not out to recorded ,if the DVR are not obtain exterior impulse or identify movement of air in the past at setup motion

Accede to setup time menu make really personalization.

-select AUTO on the modality voice to make capable the recording planning .

-Select the manageable channel then day of the week need.

- setup the strips time and the recording modality .


-exit of the menu and press REC .

SCHEDULE SETUP

CAM	:	CAMERA 01	REC MODE	AUTO
TIME	:	SUN		
		START TIME	END TIME	ALARM TYPE
SEG 1:		00:00	- 24:00	TIME
SEG 2:		00:00	- 24:00	ALARM+MOTION
SEG 3:		00:00	- 24:00	TIME
SEG 4:		00:00	- 24:00	TIME

4.3 Search

The DVR give aid to 3 ways of search : time search, RECORD search, EVENT search.

Press search  to open the next screen :

SEARCH MENU

TIME SEARCH
RECORD SEARCH
EVENT SEARCH

Select "TIME SEARCH" if know the date and time of the copy recording .

Select " RECORD SEARCH" to search the file wanted.

Select " EVENT SEARCH " to display the recording.

4.3.1 search time and BACKUP USB

After to have selected search time ,the next serene appear .

at these video ,come to show the recording present in the hard disk.
"RECORD START TIME" and "END RECORD TIME" show the first or very old or most recent recording on the HD.

Setup the recording start time and date to copy of start time voice and press up "PLAY" to start play back .

In modality channel ,the play back come to start ;press channel key to select the camera need ,press" STOP" to arrest the play back or USB entry, pre BAK to make up the picture that is play back (for LCTVR6104 BAK is present on the remote control).

To make in the teeth of the picture backup without display ,select one file to take away. Press " BACKUP" and wait the end of process.

TIME SEARCH

RECORD FIRST TIME: 25/06/2008 23:04:02
RECORD LAST TIME: 17/07/2008 10:21:12

START TIME: 07/05/2008 12:20
(BACKUP) END TIME: 08/05/2008 08:45

BACKUP PLAY

4.3.2 Record search and BACKUP USB

After to have selected record search ,the next serene appear .

At video come to show the recording present in the hard disk.

" RECORD START TIME" and " RECORD END TIME" show the first or very old or most recent recording on the hard disk.

Setup the recording day need to look for copy of "DATE/TIME" voice and select search , the DVR show the list of the file recording ask, select one file and press up "PLAY" to start play back.

In modality channel ,the play back come to start , press channel key to select the camera need , press" STOP" to arrest the play back or USB entry, press BAK to make up the picture that is play back (for LCTVR6104 BAK is present on the remote control).

To make in the teeth of the picture backup without display , select one file to take away. press " BACKUP" and wait the end of process.

RECORD SEARCH

RECORD FISRT TIME: 07/05/2008 19:05:38
RECORD LAST TIME: 08/05/2008 08:45:26

TIME	07/05/2008	SEARCH
N°	TIME	SIZE
01	-----	-----
02	-----	-----
03	-----	-----
04	-----	-----

Prev.

4.3.3 event record search and BACKUP USB

After to have selected event search , the next serene appear.

At the video , come to show the recording present in the hard disk.

"RECORD START TIME" and " RECORD END TIME," show the first or very old or most recent recording on the hard disk.

Select the channel need to search event, then is necessary to fix which event search ,so select between MOTION and ALARM, the date and select search . the DVR show the list of the file recording ask , select one file and press up "PLAY" to start play back.

In modality channel , the play back come to start ,press key to select the camera need, pres" STOP" to arrest the play back or USB entry, press BAK to make up the picture that is play back (for LCTVR6104 BAK is present on the remote control).

EVENT RECORD SEARCH

RECORD FIRST TIME: 07/05/2008 19:05:38
RECORD LAST TIME: 08/05/2008 08:45:26

CAMERA:

CAMERA 01	EVENT: ALARM	SEARCH
DATE 07/05/2008		
N°	TIME	
01	-----	
02	-----	
03	-----	

Prece

5 NETWORK CONNECTION

5.1 IP address configuration

Before to go ahead check up the next point:

- Control the connection to the net of DVR and PC
- Check up on the DVR and PC belong to same of IP address.

MS Windows 2000 / XP	MS Windows VISTA
Start	Start
▼	▼
Control panel	Control panel
▼	▼
Net Connexion	Net Connexion center
▼	▼
Key right of Mouse up Connection to the net status LAN	Status display
▼	▼
Property	Property
▼	▼
Select Protocol Internet TCP/IP	Select Protocol Internet TCP/IP v.4
▼	▼
Property	Property

The IP address information at meet with general schedule .

The IP shape is to get setup automatically IP address ,is necessary to prompt used of MS-DOS to set IP address. Contact the administrator of net.

- After control PING ***.***.***.*** (* IP address of DVR) ,Prompt the connection control.

5.2 connection by Internet Explorer

- open Internet Explorer

- press IP address to machine of the address task bar:

At DVR for instance is setup address 192.168.1.133, press of the IE address task bar and screw <http://192.168.1.133>

The IE PORT setup of the menu and setup to net (cap.3.8), that be different of the 80 PORT (default), is necessary to specify the port .

At DVR for instance is setup address 192.168.1.133 and IE PORT 1025, press of the IE address task bar and screw <http://192.168.1.133:1025>

The system put on state of alert pop-up that the installation need of ActiveX HtmlAnvViewcab. Agree to carry on the installation.

If the installation is not go well , pursue the instruction:

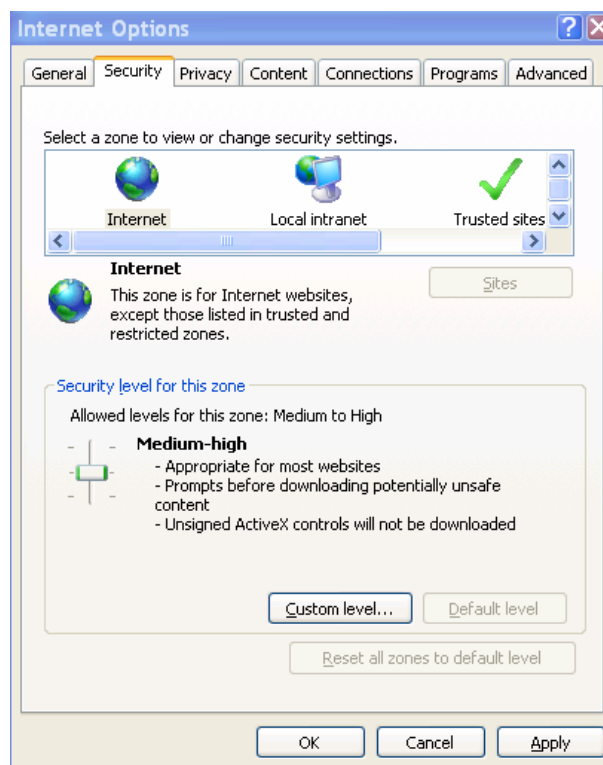
-press task bar of the menu of Internet Explorer up tool then up option .

Each other to open the next window:

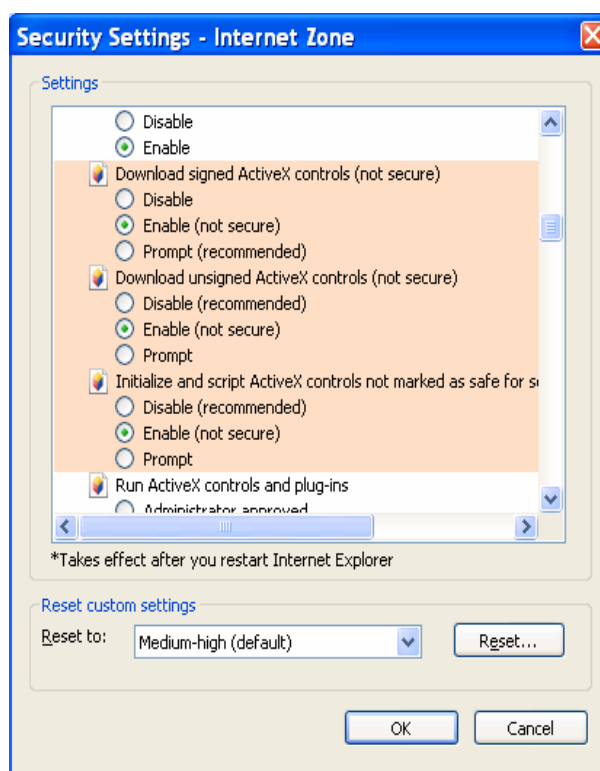
Open IE and input DVR address in the address column. For example, if your DVR IP is 10.1.27.200, then please input [http:// 10.1.27.200](http://10.1.27.200) in IE address column.

System pops up warning information to ask you whether install webrec.cab control or not. Please click yes button.

If you can't download the ActiveX file, please modify your settings as follows. See

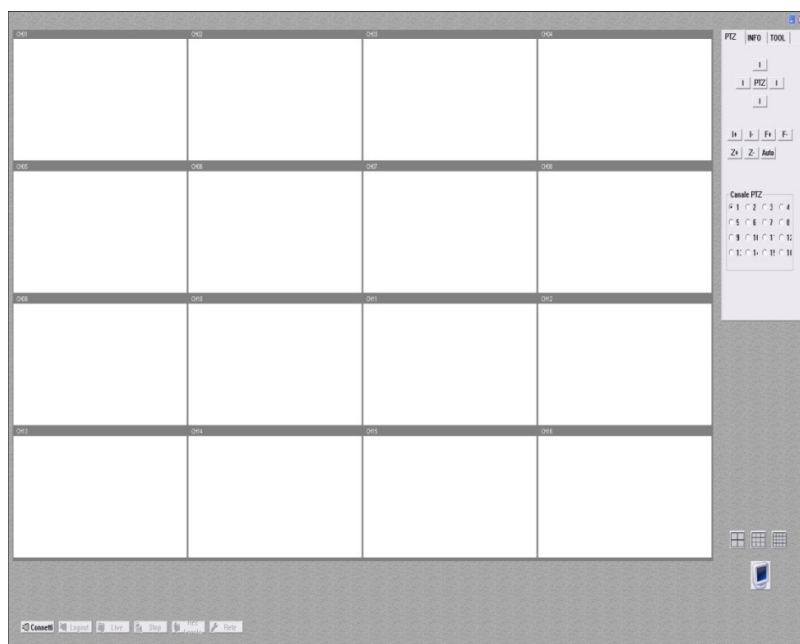


Press up "security" and after made up "personal level":
each other to open the next window

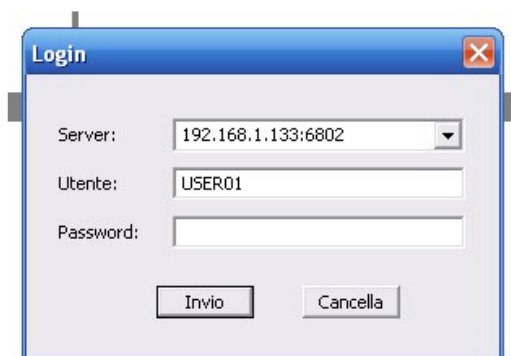


Save and come back at input IP address for reboot of the Control installation ActiveX.

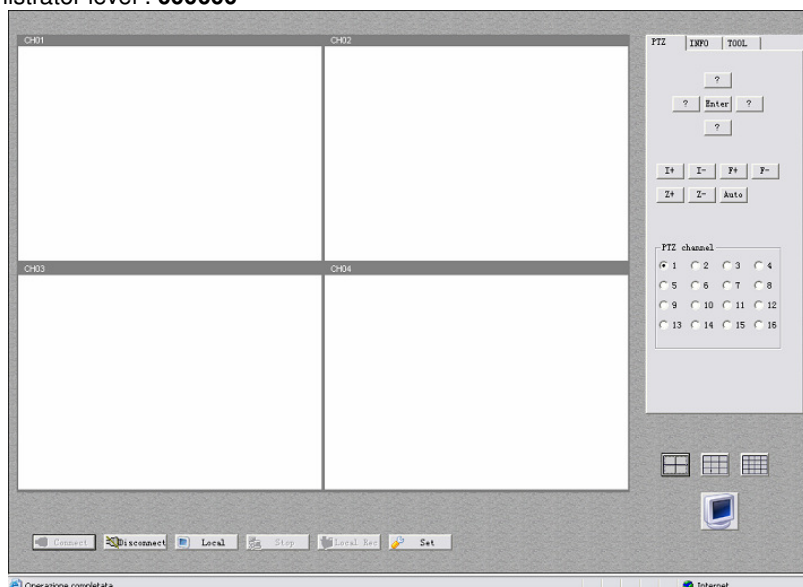
End installation , the next screen show:



Click up plug in to make at device
the next screen show :



At DVR put in IP address assigned after the DVR PORT(cap.3.8), the user name and the Password that are be setup of menu and net setup (cap.3.8).
Default password to user level : **111111**
Default password to Administrator level : **000000**



Press put in and the screen show:

Is possible to make the next operations by means of plain interface :

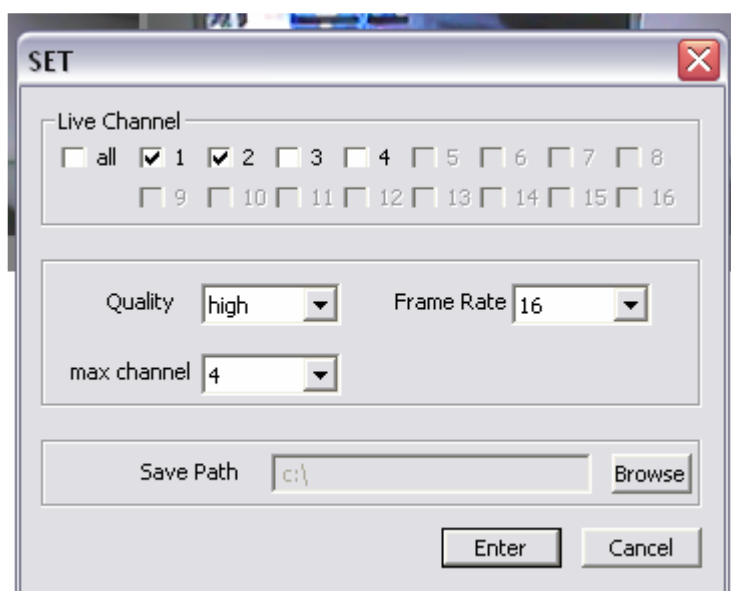
-Press Local to display the Live picture.



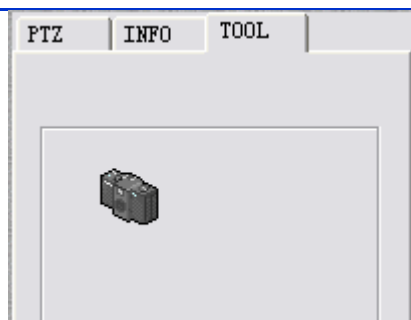
-Press Stop to stop the display or local Rec for recording the picture in the teeth of computer.

N.B. for LCTVR6104 ,the local recording is start sole .

-for setup the recording parameters is necessary to stop the live display .so press set to access of the next screen.

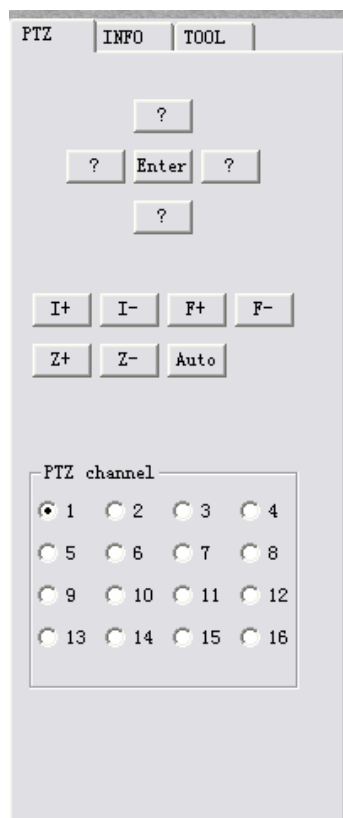


-used PTZ, INFO and TOOL menu to control the speed dome, click the DVR status to get information and shot picture ,as show of the next shape .

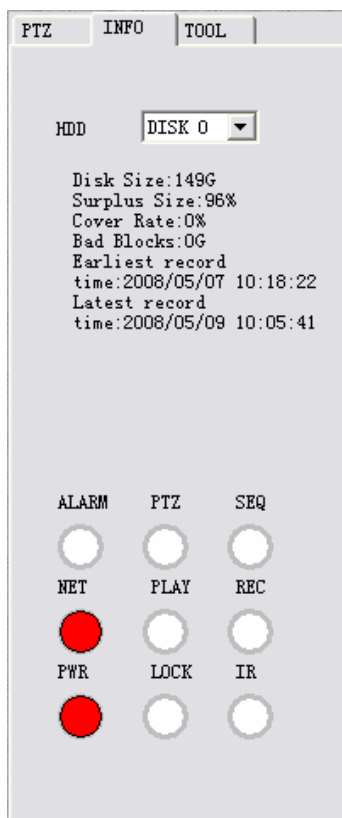


picture catch instrument.

PTZ instrument

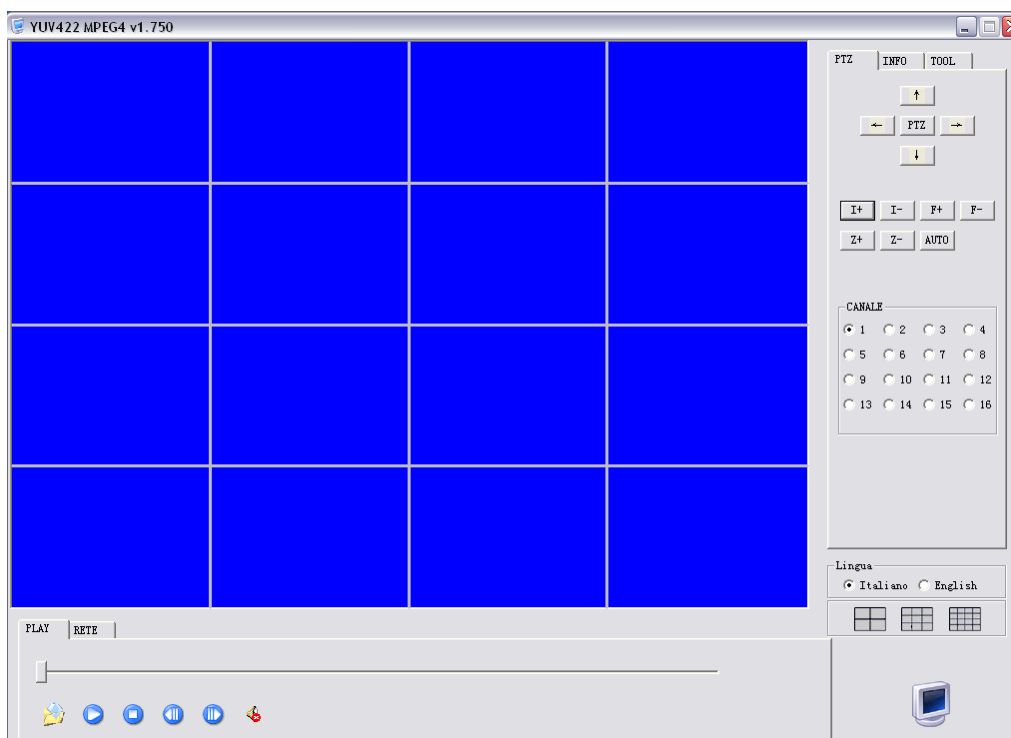


INFO instrument



5.3 Software anvplayer through connection

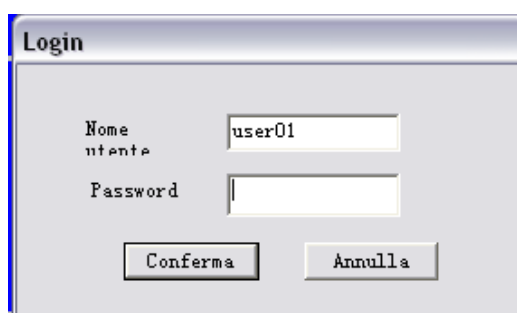
Put in the CD-rom software present a dowry provided.
Start the planning and wait for the window as the next screen:



Click net and put in the good parameters for the device connection.

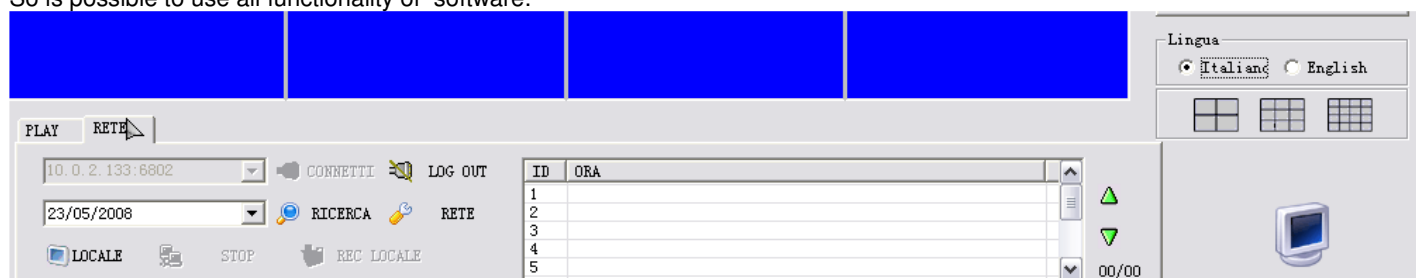


After to have set up IP address of DVR , click link up and put in user name and authentication password:



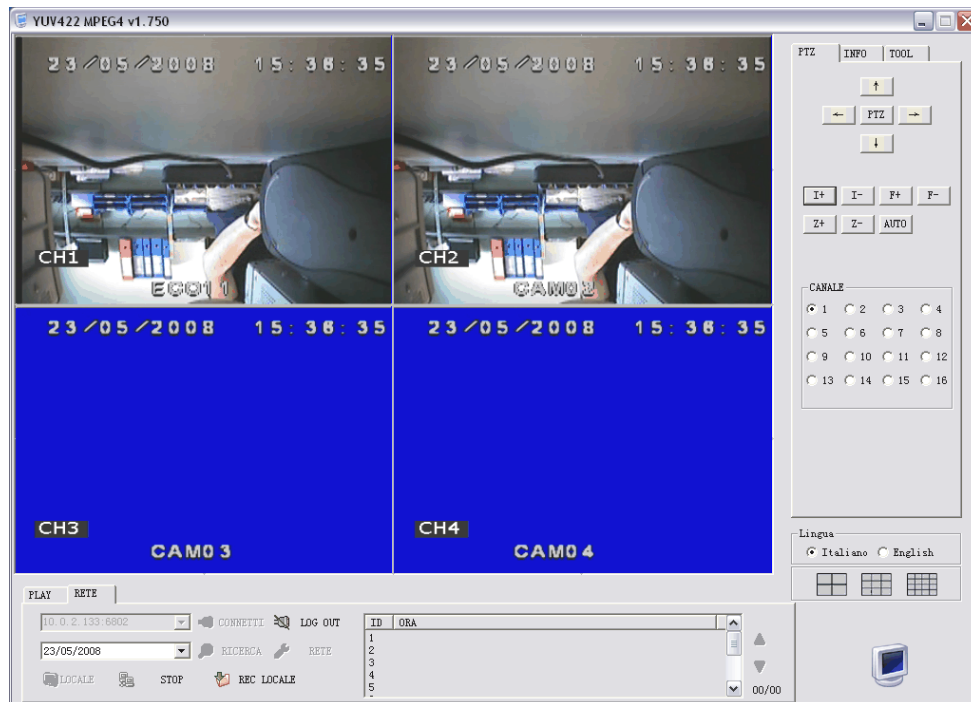
After to have make the login , all keys come to set up.

So is possible to use all functionality of software.

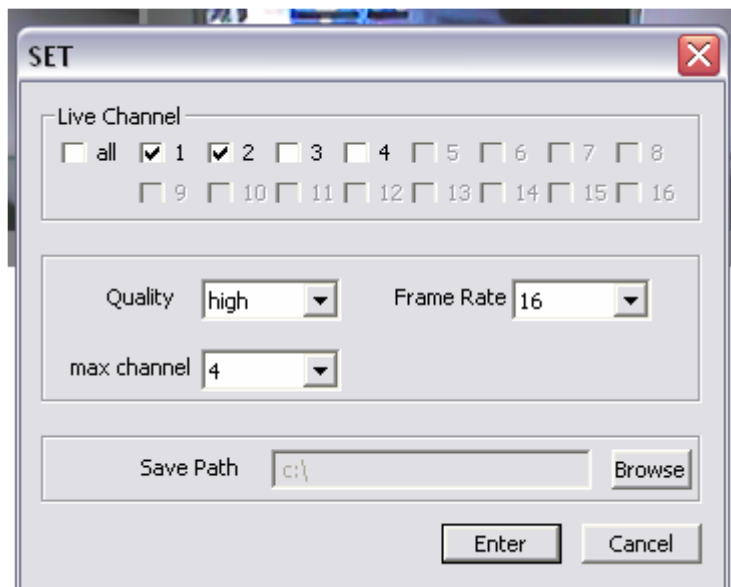


Is possible to make the next operations by means of plain interface:

- Press search to make the search of file to listed in order time by play back .
- Press Local ,to display the Live picture .

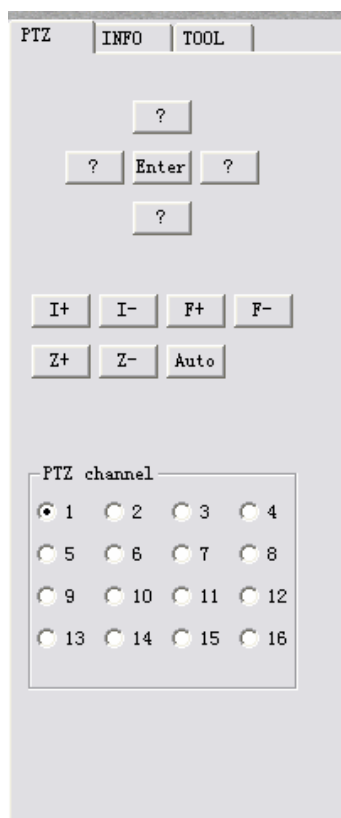


- Press Stop to stop the display or local Rec for recording in the teeth of computer.
- for setup the parameters of recording is fundamental to stop the Live display . press net to start the next screen .

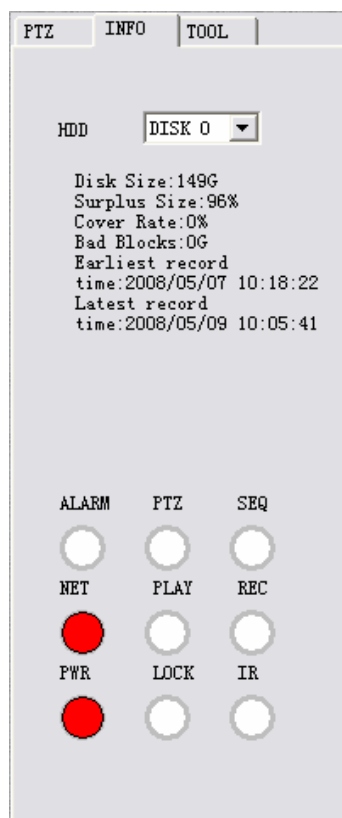


- Used PTZ, INFO and TOOL menu to control the speed dome, click the DVR status to get information and shot picture as show of the next shape .

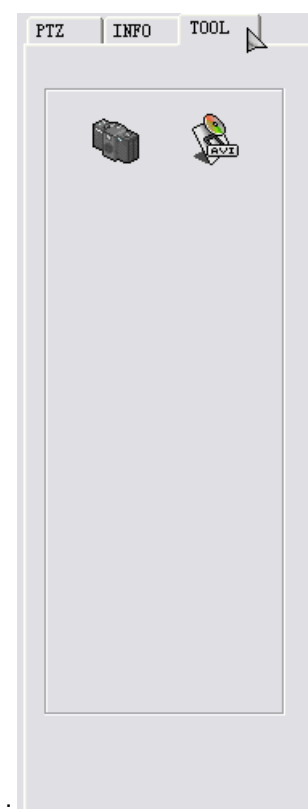
PTZ instrument



INFO instrument



catch picture instrument and AVI conversion



N.B. the AVI conversion instrument is only turned on LCTVR6104.

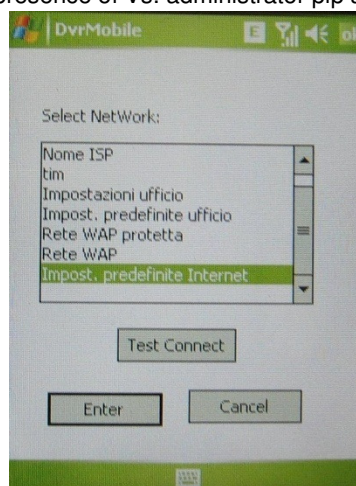
5.4 SMART PHONE by means of connection

1.1.1 the least system required:

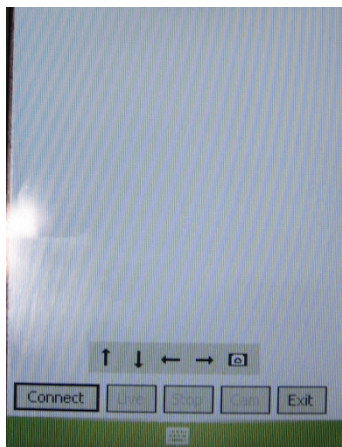
- MS Windows Mobile endowed smart phone 5.0 or Superior.
- GPRS, EDGE, UMTS connection.
- Display TFT 2,8".
- in case the DVR public static IP address with ADSL connection

1.1.2 Installation:

for be able to use the software is necessary start DVR_Mobile.exe package present in CD-Rom at Smart phone wanted to use. Use the method referring to Vs. phone manual to need link (Bluetooth, IR, Cable, memory card). Setup the internet really connection ,assure the presence of Vs. administrator pip and start application.



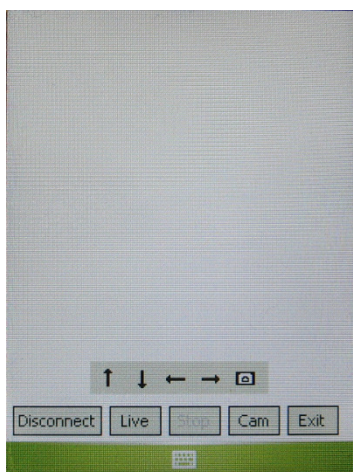
Select the really connection and press ENTER



Click the Connect

A screenshot of the connection setup form. It contains fields for 'Server' (217.133.76.167), 'Port' (6802), 'User' (USER01), and 'Password'. There are 'Enter' and 'Cancel' buttons at the bottom.

Setup the remote DVR parameters connection give to ISP, the user name and the password and the access port of DVR. Wait for take place connection:



Click CAM to select camera then start LIVE the picture display . for move on the camera in display , click Stop and say again praxis.



CE

Technical specifications can be modified without any preliminary notice

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